

LIBRARY OF CONGRESS
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AND PUBLIC ACCESS**

**Market Research for Planning the Conversion of Copyright
Assignment Catalog Card Data**

Request for Information
Version 1.0

February 1, 2013

Market Research for Planning the Conversion of Copyright Assignment Catalog Card Data

This is a Request for Information (RFI) only. Any and all information requested in response to this RFI is for **Market Research purposes only**. In accordance with FAR 15.201 (e), responses to this notice are not offers and cannot be accepted by the government to form a binding contract. The government is under no obligation to issue a solicitation or to award any contract on the basis of this RFI. All costs associated with responding to this RFI will be the sole responsibility of the contractor. All submissions to this RFI will be treated as business materials, become government property and will not be returned.

The information contained in this background document is being provided to interested parties in order to obtain information for planning and budgeting purposes. The Copyright Office is planning the conversion of content from approximately 2.5 million images of Copyright catalog cards containing index terms and other facts pertaining to approximately 350,000 transfers and assignments of rights. The actual cards were recently digitized into high quality color uncompressed TIFF images at 300 ppi. For data capture and conversion of the content, the Copyright Office would provide color JPEG2000 derivative images organized into sets (directories) of approximately 1800 images, each set corresponding to one drawer in the catalog. Interested vendors are asked to study the information contained herein as well as the sample card images available at:

[/ftp.loc.gov/pub/copyright/digit/](http://ftp.loc.gov/pub/copyright/digit/)

- Zipped J2K Assignment Card Images.zip (Containing the full contents of 4 catalog drawers)
- Assignments.zip (Containing complete sets of cards for 10 assignments including title(s), assignor(s), and assignee(s); image file names are the assignment numbers with suffixes)

Based on the information, interested parties are asked to provide as much detail as possible about what it would cost per card to capture and convert the data content from the card images into data records as described below at each of the following 3 levels of accuracy: 98%, 99%, and 99.9% and at any other level of accuracy that a respondent wishes to suggest. The respondent should include a description of how they would achieve the agreed upon level of accuracy. The respondent is also asked to provide as much detail as possible about the time frame to convert the 2.5 million card images and about any assumptions, limitations or restrictions that would apply at the cost per card quoted.

Assignment Cards

Assignments represent the public record of assignments or transfers of some or all rights regarding a specific work of intellectual property from one party, the assignor, to a second party, the assignee. Assignments are also referred to as recorded documents.

a. Characteristics of the assignment cards:

- The cards are arranged in four sets as follows:
 - Assignment titles (1928 to 1977) one alphabetical index containing approximately 1,732,692 cards (no titles were indexed prior to 1928)
 - Assignors (1870 to 1941) one alphabetical index containing approximately 60,000 cards

- Assignees (1870 to 1941) one alphabetical index containing approximately 74,980 cards
- Interfiled assignors/assignees (1941 to 1977) one alphabetical index containing approximately 632,564 cards
- Across the four sets of assignment cards, much data is duplicated; title cards contain the names of assignors and assignees; assignor and assignee cards contain many of the titles
- The cards represent approximately 350,000 assignments/transfers of rights involving approximately 1.7 million titles
- Volume and page number uniquely identify a recorded document
- Prior to 1928, titles were not indexed, however some titles were included on the assignor and assignee cards and these titles need to be captured and included in the output records
- All pieces of data in a card are labeled (see examples in Appendix A)
- Document Received date and Date Recorded date were used at different times but are both to be captured as Date Recorded
- Carbon paper was used in producing many of the assignment cards
- The cards range in time from 1870 to 1977 and many are handwritten

b. Recognizing and parsing data in the assignment card images and building the data records:

In general, the data capture/conversion process will involve the following:

- Capturing the data from each card taking into account the organization of the cards by title, assignor and assignee and that much of the data is repeated in the cards for each assignment
- Parsing the data into fields
- Sorting the captured data by recorded document number (i.e., volume and beginning page number)
- Building assignment title records in XML format from the content of the card images

The Copyright Office recognizes that there are several approaches that may be taken to capturing and converting the data and building the assignment title records. It will be up to the respondent to describe which method will achieve the best accuracy/cost ratio.

A typical assignment will have one assignor card, one assignee card, and at least one title card. However some assignments involve thousands of titles and each title will have a card in the catalog. There may also be more than one assignor or assignee name and each will have a card in the catalog. A recorded document may be a single party document without an assignee name.

Data capture from images of the assignment cards in the Copyright Card Catalog will require capture and verification of the data elements specified in the table below. All output records from data capture that contain the same recorded document number (volume and page) and the same date recorded (i.e., the same recorded assignment document) will be combined to produce **one full integrated record for each title in the document**. Assignments that have no titles shall specify "No title given" in the

work title field and in the document title field. Delivery format shall be XML using tags corresponding to the data elements specified.

- Content of a Data Record

Data Element	Format	Notes
Title (Work title)	Text string	Work title or “No title given”
Work title number	Sequential 5 digit number assigned to each record for each recorded document	Assigned during the building of the records
Assignor (Party one)	Personal name (Inverted; not parsed) or Corporate name; Multiple occurrence	A document has at least one assignor (party one) name
Assignee (Party two)	Personal name (Inverted; not parsed) or Corporate name; Multiple occurrence	
Title and Author (Document title)	Text string	Document title or “No title given”
Registration number	Alphanumeric Multiple occurrence	
Date of registration	YYYYMMDD, YYYYMM, or YYYY; Multiple occurrence	(May be only the year or only the year and month)
Date recorded	YYYYMMDD	Validity check on date
Date of execution	YYYYMMDD, YYYYMM or YYYY; Multiple occurrence	(May be only the year or only year and month)
Recorded document number (volume)	Four digit numeric	Validity check on the number; left zero fill
Recorded document number (page)	Three digit numeric; beginning page number for the document	Validity check on the number; left zero fill
Notes	Text string	
Cross reference	Text string	
Links to respective card images	Links to the J2K image files as provided by the Copyright Office	One per J2K image file

- For any card image that does not contain a volume and page number, all other information from the image would still need to be captured in the appropriate fields and saved along with the link to the image in a separate file for further research by the Copyright Office.
- The respondent should also include recommendations about how the Copyright Office can verify the accuracy of data capture, the accuracy of data parsing and identification, and the accuracy of data record construction.

Intellectual Property Rights

The Government shall retain full ownership rights to all deliverables from any future contracts involving the Copyright Digitization and Public Access project including all digital versions of Copyright records, all image files, all data and index files, and all project management and status reports. Such rights shall include both tangible and intangible rights including but not limited to copyright, trademark, patent, trade secret, and unfair competition. The contractor may claim no rights or legal interest in delivered material including electronic files, their content, or the organization structure of the files or their indexes.

RFI Instructions

Interested vendors or organizations should address the following in their submissions:

1. Provide as much detail as possible about what it would cost per card to capture and convert the data content from the cards into data records as described above at each of the following 3 levels of accuracy: 98%, 99%, and 99.9% and at any other level of accuracy that a respondent wishes to suggest.
2. Describe how the agreed upon level of accuracy would be achieved.
3. Provide as much detail as possible about the time frame to convert the 2.5 million card images and about any assumptions, limitations or restrictions that would apply.
4. Describe which method of data capture and conversion will achieve the best accuracy/cost ratio and why.
5. Recommend how the Copyright Office might verify the accuracy of data capture, the accuracy of data parsing and identification, and the accuracy of data record construction.

THIS REQUEST FOR INFORMATION DOES NOT CONSTITUTE AN INVITATION FOR BID, REQUEST FOR PROPOSAL, NOR A REQUEST FOR QUOTATION, AND IS NOT TO BE CONSTRUED AS A COMMITMENT BY THE GOVERNMENT TO ISSUE AN ORDER/CONTRACT OR OTHERWISE PAY FOR THE INFORMATION SOLICITED.

Other Pertinent Information

The records of the Copyright Office referenced in this statement of work are public records and may be inspected during regular business hours by interested vendors or organizations in the Madison Building of the Library of Congress in room LM-404. Reader registration is required before access to the records is granted.

Appendix A contains examples of the three types of assignment cards:

- Assignment title cards – one alphabetical set from 1928 to 1977 (no titles were indexed prior to 1928)
- Assignor cards – one alphabetical set from 1870 to 1941; integrated with assignee cards in one alphabetical set from 1941 to 1977
- Assignee cards – one alphabetical set from 1870 to 1941; integrated with assignor cards in one alphabetical set from 1941 to 1977

The data, outlined in red in the following examples, are the tags and related content to be captured from each of the types of cards.

Title	Page
Examples of Assignment Title Cards	A - 1
Examples of Assignor Cards	A - 3
Examples of Assignee Cards	A - 7

Examples of Assignment Cards

ASSIGNMENT TITLE CARD

Title and author **RIFFIN' THE SCOTCH.**

From **Flaherty, Dorothy (Mrs. Ed Flaherty)** (assignor)

To **Robbins Music Corporation** (assignee)

Class No. of 19 Document received **July 17, 1958**

Recorded vol. **1012**, pp. **353** Date of execution **July 8, 1958**

(Dec., 1951—400,000) 16-65864-1 GPO

Pre 1961 Assignment Title Card

ASSIGNMENT TITLE CARD

Title and author **RIFFIN' THE SCOTCH.**

From **McDonough, Dick; Benny Goodman & Ford Lee Buck; by Robbins Music Corporation (Atty)** (assignor)

To **Robbins Music Corporation** (assignee)

Class No. of 19 Document received **Jan. 30, 1961**

Recorded vol. **1091**, pp. **216** Date of execution **Jan. 9, 1961**

(Dec., 1951—400,000) 16-65864-1 GPO

Pre 1961 Assignment Title Card

Examples of Assignment Cards

TITLE	RIFFIN' THE SCOTCH.	
ASSIGNEE	Robbins Music Corp.	
ASSIGNOR	Goodman*, Benny.	
ASSIGNEE	Robbins Music Corp.	
TITLE AND AUTHOR	RIFFIN' THE SCOTCH & 21 other titles.	
REGISTRATION NUMBER AND YEAR DATE, IF GIVEN		
DATE RECORDED	14Sep64	
	DATE OF EXECUTION	
VOLUME	8Sep64	
1191	PAGES	679-681
C-413 (JUNE 1962 20,000)		

Post 1961 Assignment Title Card

TITLE	RIFFIN' THE SCOTCH.	
ASSIGNEE	Robbins Music Corporation	
ASSIGNOR	Goodman*, Ben and Dick McDonough*	
ASSIGNEE	Robbins Music Corporation	
TITLE AND AUTHOR	Riffin' The Scotch.	
REGISTRATION NUMBER AND YEAR DATE, IF GIVEN		
DATE RECORDED	Feb. 8, 1963	
	DATE OF EXECUTION	
VOLUME	July 17, 1934	
1151	PAGES	(Royalty Agreement)
173		
C-413 (JUNE 1961 20,000)		

Post 1961 Assignment Title Card

Examples of Assignment Cards

TITLE	Riffin' with Red. By Bert Robinson. 1959; EU571613	
ASSIGNEE		
ASSIGNOR		
The New York Times Music Corporation.		
ASSIGNEE	The Times Square Music Publications Company.	
TITLE AND AUTHOR		
Full time subject & 3727 other titles; musical compositions.		
REGISTRATION NUMBER AND YEAR DATE, IF GIVEN		
DATE RECORDED	DATE OF EXECUTION	
10Mar77	7Feb77, as of 31Dec76	
VOLUME	PAGES	
1628	156-456	
Assignment of copyrights btc/		
C-414 (FEB. 1972--10,000)		

Post 1961 Assignment Title Card

ASSIGNOR	TITLE	ASSIGNEE
Hatch May 11	"My Best Girl"	Hitchcock C. A.
Exec. Feb. 23, 1894		14 597
Rec. Feb. 26, 1894		

Pre 1903 Assignor Card

Examples of Assignment Cards

FROM	Hoatch, Chas. W. music pub. co.	ASSIGNOR
TO	Remich, Jerome H. music pub. co.	ASSIGNEE
ASSIGNMENT OF ENTRY, CLASS _____, _____, No. _____ of _____		
TITLE	Riveter's rag.	
Document received	May 22, 1919	Recorded vol 82, pp 9-10
Recorded by <i>ad</i>	Revised by <i>gwt</i>	Indexed by <i>ad</i>
(Oct., 1917)		

Pre 1941 Assignor Card

FROM	Hatch, David Patterson	ASSIGNOR.
TO	Mrs. Frances Nellis and Mrs. Annie E. Cheney	ASSIGNEE.
ASSIGNMENT OF ENTRY, CLASS A, XX, No. 114471 of 1905		
TITLE Kumbum, the Tibetan Lama		
Document received	June 24, 1905	Recorded vol 33, pp 343-344
Recorded by <i>B.R.</i>	Revised by <i>J.C.</i>	Indexed by <i>B.R.</i>
(15, vi, 1904-1,000.)		

Pre 1941 Assignor Card

Examples of Assignment Cards

FROM	ASSIGNOR
TO	ASSIGNEE
ASSIGNMENT OF ENTRY, CLASS <u>B</u> , No. <u>149930</u> , of <u>1932</u>	
Title <u>Melody man. First published under the title</u> <u>"He woke up married", In "College Humor", May-July,</u> <u>1932.</u>	
Document received <u>Sept. 15/32</u>	Recorded vol <u>292</u> , pp <u>30-32</u>
Recorded by <u>HBN</u>	Revised by <u>M. A. M.</u>
(July, 1930—5,000)	
U. S. GOVERNMENT PRINTING OFFICE: 1930	

Pre 1941 Assignor Card

FROM	ASSIGNOR
TO	ASSIGNEE
Document received <u>Mar. 18, 1958</u>	Recorded vol <u>1003</u> , pp <u>436-438</u>
Class <u> </u> , No. <u> </u> , of 19 <u> </u>	Date of execution <u>Feb. 1, 1958</u>
Title <u>BEYOND THE NEXT HILL; and 7 others.</u>	
(corrected Mar. 10, 1966)	
C-58 (Dec. 1960—20,000)	
U. S. GOVERNMENT PRINTING OFFICE	

Pre 1961 Assignor Card

Examples of Assignment Cards

044181

ASSIGNOR	Kuumba Music Publishing Company.	
ASSIGNEE	Lonport Music, Inc.	
TITLE AND AUTHOR When love has grown; musical composition. By Gene McDaniels & Donny Hathaway.		
REGISTRATION NUMBER AND YEAR DATE, IF GIVEN 1971; EU268349		
DATE RECORDED	10Mar75	DATE OF EXECUTION 1Nov72
VOLUME	1539	PAGES 165
Assignment		
C-413 (NOV. 1974 15,000)		sew

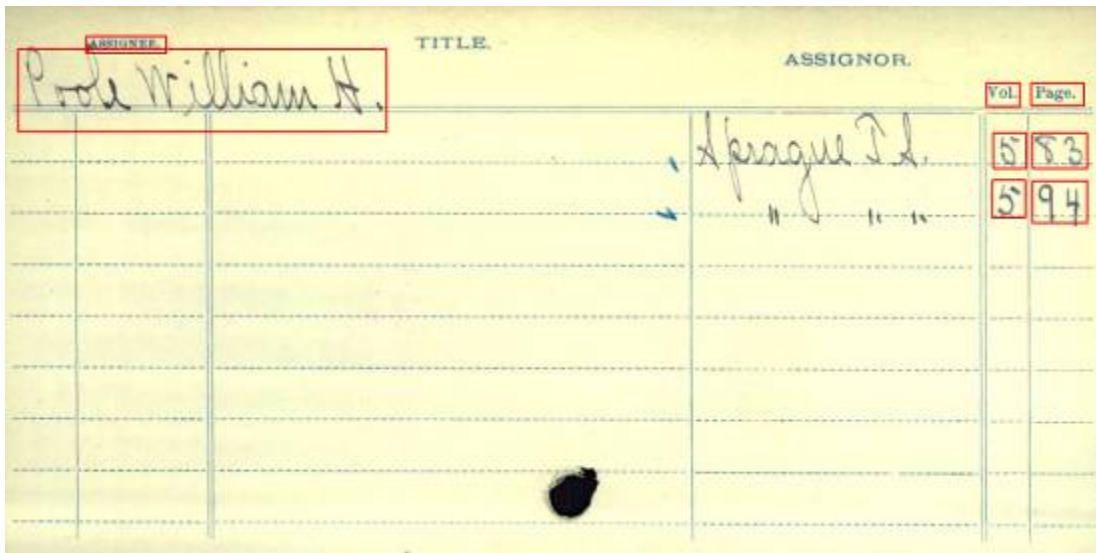
Post 1961 Assignor Card

633324824

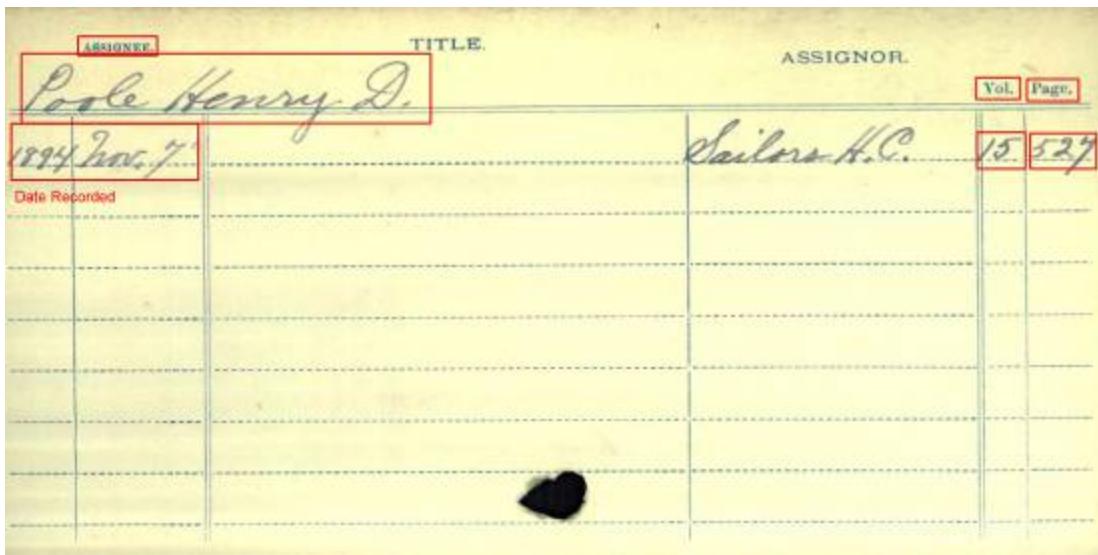
ASSIGNOR	Quercio, James William, d.b.a. Big Elk Music.	
ASSIGNEE	Inns, Robert W.	
TITLE AND AUTHOR While the city sleeps & 23 other titles; musical compositions. By Robert W. Inns.		
REGISTRATION NUMBER AND YEAR DATE, IF GIVEN 1971; EU268349		
DATE RECORDED	20Mar75	DATE OF EXECUTION 1Aug74
VOLUME	1539	PAGES 402-420
Big Elk assignment and agreement		
C-413 (MAY 1971-7,500)		

Post 1961 Assignor Card

Examples of Assignment Cards

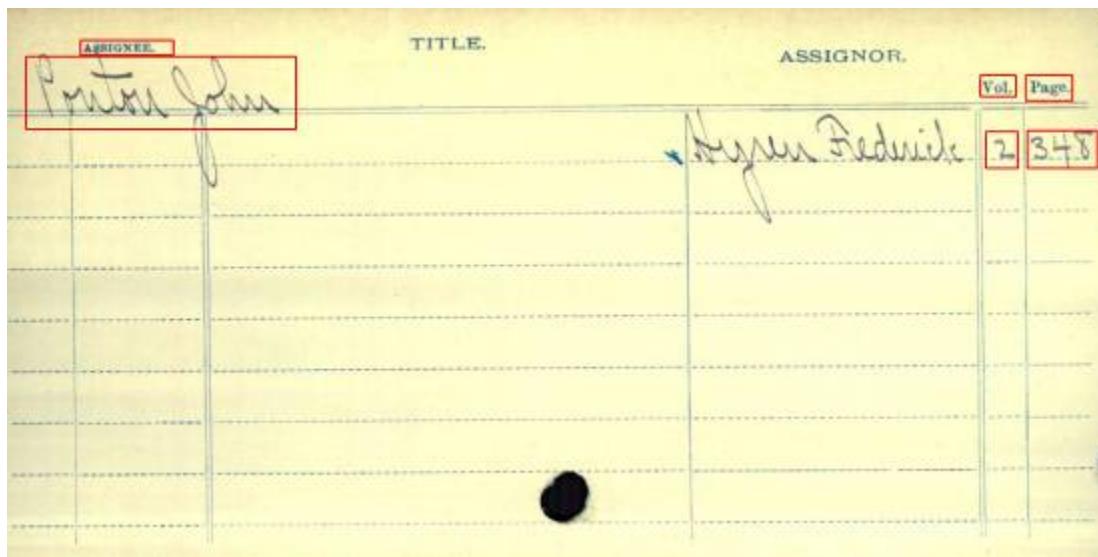


Pre 1903 Assignee Card

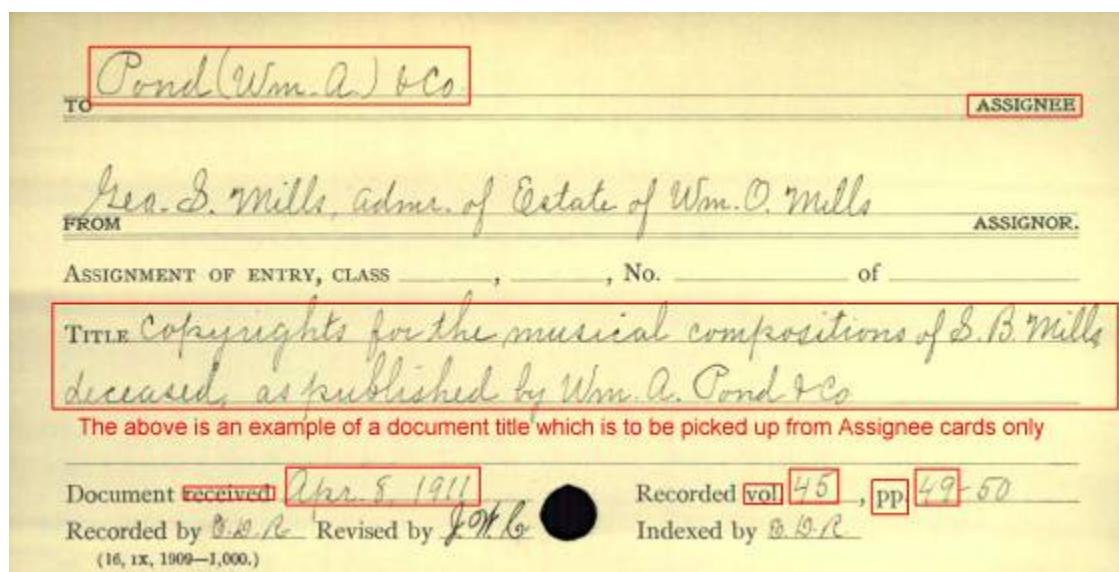


Pre 1903 Assignee Card

Examples of Assignment Cards



Pre 1903 Assignee Card



Pre 1941 Assignee Card

Examples of Assignment Cards

Pond (Wm. A.) & Co.		ASSIGNEE
TO		
Edmund Massau, Guardian of Fred G. Mills		
FROM	ASSIGNOR.	
ASSIGNMENT OF ENTRY, CLASS _____, _____, No. _____ of _____		
TITLE Copyrights for the musical compositions of S.B. Mills, deceased, as published by Wm. A. Pond & Co.		
The above is an example of a document title which is to be picked up from Assignee cards only		
Document received	Apr. 8 1916	Recorded vol 45, pp 47-48
Recorded by B.O.R.	Revised by John	Indexed by B.O.R.
(16, ix, 1909-1,000.)		

Pre 1941 Assignee Card

Pond, Wm. A. & Co.		ASSIGNEE
TO		
Lucas, H. C. & A. M. Holden, A. M. G. H. E. G. E. G. E. G. L.		
FROM	ASSIGNOR	
ASSIGNMENT OF ENTRY, CLASS E, No. of _____		
TITLE	Compositions taken out by Albert J. Holden	
The above is an example of a document title which is to be picked up from the Assignee cards only		
Document received	Mar. 11, 1918	Recorded vol 74, pp 1-2
Recorded by J. S.	Revised by	Indexed by
(Oct., 1917)		

Pre 1941 Assignee Card

Examples of Assignment Cards

Kuttner*, Mrs. Henry		ASSIGNEE
Street & Smith Publications, Inc.		
FROM	ASSIGNOR	
Document received	Jan. 28, 1955	Recorded vol. 924, pp. 326
Class	No.	of 19 Date of execution Oct 27, 1954
Title Forsaking All Others; under the title, "Fruit of Knowledge". In "Unknown" Oct. 1954.		
The above is an example of a document title which is to be picked up from Assignee cards only		
(July 1953, 20,000)		E. D. GOVERNMENT PRINTING OFFICE

Pre 1961 Assignee Card

ASSIGNEE	Kuumba Music.	
ASSIGNOR	Warner Bros. Music, division of Warner Bros. Music, Inc.	
ASSIGNEE	Kuumba Music.	
TITLE AND AUTHOR		
TAKE A LOVE SONG & 28 other titles.		
The above is an example of a document title which is to be picked up from Assignee cards only		
REGISTRATION NUMBER AND YEAR DATE, IF GIVEN		
DATE RECORDED	DATE OF EXECUTION	
24Nov72	30Jun71	
VOLUME	PAGES	
1465	237-246	
C-413 (FEB-1972-7,500)		
cl		

Post 1961 Assignee Card